

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 142 313 SHEETS
F.A.I. 39	50-4B	LASALLE		164	
FED. ROAD DIST. NO. 7		ILLINOIS		FED. AID PROJECT	

Contract # 66586

BILL OF MATERIAL
(Southbound Deck)

Bar	No.	Size	Length	Shape
a(E)	1442	#5	42'-6"	—
a1(E)	846	#6	4'-6"	—
a2(E)	16	#5	2'-0"	—
a3(E)	6	#6	5'-0"	—
a4(E)	8	#6	2'-6"	—
a5(E)	10	#6	8'-0"	—
b3(E)	8	#5	2'-3"	—
b360(E)	690	#5	30'-6"	—
b361(E)	608	#5	28'-6"	—
b362(E)	258	#6	29'-6"	—
d(E)	468	#4	3'-4"	┌
d1(E)	936	#5	2'-5"	└
d2(E)	468	#4	3'-5"	┌
d8(E)	10	#5	5'-5"	┌
x(E)	80	#5	4'-1"	└
Item	Unit	Total		
Reinforcement Bars, Epoxy Coated	Pound	126,210		
Concrete Superstructure	Cu. Yd.	505.7		
Bridge Deck Grooving	Sq. Yd.	1,781		
Protective Coat	Sq. Yd.	1,874		

BILL OF MATERIAL
(Southbound Parapets)

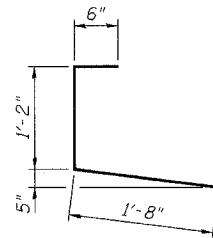
Bar	No.	Size	Length	Shape
d3(E)	936	#4	3'-0"	┌
d4(E)	942	#5	3'-0"	┌
d6(E)	10	#6	8'-11"	└
e10(E)	6	#4	2'-3"	—
e11(E)	2	#8	2'-3"	—
e12(E)	2	#5	2'-3"	—
e14(E)	20	#5	6'-0"	—
e360(E)	72	#4	18'-9"	—
e361(E)	48	#4	21'-9"	—
e362(E)	32	#8	32'-0"	—
e363(E)	32	#5	30'-3"	—
e364(E)	16	#8	21'-9"	—
e365(E)	16	#5	21'-9"	—
e366(E)	72	#4	18'-0"	—
e367(E)	16	#8	31'-0"	—
e368(E)	16	#5	29'-3"	—
e369(E)	72	#4	18'-6"	—
Item	Unit	Total		
Reinforcement Bars, Epoxy Coated	Pound	15,320		
Concrete Superstructure	Cu. Yd.	101.3		
Protective Coat	Sq. Yd.	367		

BILL OF MATERIAL
(Northbound Deck)

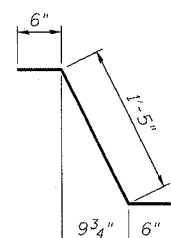
Bar	No.	Size	Length	Shape
a(E)	1442	#5	42'-6"	—
a1(E)	846	#6	4'-6"	—
a2(E)	16	#5	2'-0"	—
a3(E)	6	#6	5'-0"	—
a4(E)	8	#6	2'-6"	—
b3(E)	8	#5	2'-3"	—
b360(E)	690	#5	30'-6"	—
b361(E)	608	#5	28'-6"	—
b362(E)	258	#6	29'-6"	—
d(E)	468	#4	3'-4"	┌
d1(E)	933	#5	2'-5"	└
d2(E)	465	#4	3'-5"	┌
x(E)	80	#5	4'-1"	└
Item	Unit	Total		
Reinforcement Bars, Epoxy Coated	Pound	126,020		
Concrete Superstructure	Cu. Yd.	505.2		
Bridge Deck Grooving	Sq. Yd.	1,781		
Protective Coat	Sq. Yd.	1,874		

BILL OF MATERIAL
(Northbound Parapets)

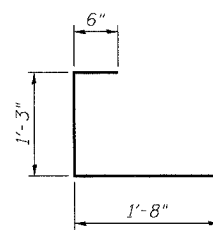
Bar	No.	Size	Length	Shape
d3(E)	933	#4	3'-0"	┌
d4(E)	933	#5	3'-0"	┌
e14(E)	4	#5	6'-0"	—
e360(E)	72	#4	18'-9"	—
e361(E)	48	#4	21'-9"	—
e362(E)	32	#8	32'-0"	—
e363(E)	32	#5	30'-3"	—
e364(E)	16	#8	21'-9"	—
e365(E)	16	#5	21'-9"	—
e366(E)	72	#4	18'-0"	—
e367(E)	16	#8	31'-0"	—
e368(E)	16	#5	29'-3"	—
e369(E)	72	#4	18'-6"	—
Item	Unit	Total		
Reinforcement Bars, Epoxy Coated	Pound	15,020		
Concrete Superstructure	Cu. Yd.	99.9		
Protective Coat	Sq. Yd.	367		



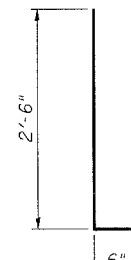
BAR d(E)



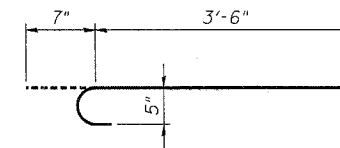
BAR d1(E)



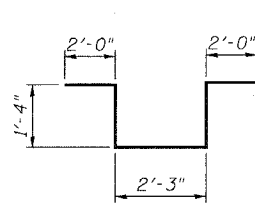
BAR d2(E)



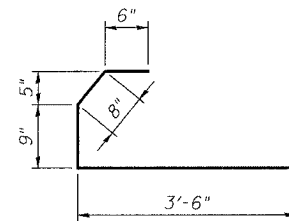
BARS d3(E) & d4(E)



BAR x(E)



BAR d6(E)



BAR d8(E)

NOTES:

1. Reinforcement bars designated (E) shall be epoxy coated.
2. All bar dimensions are out to out.

BILL OF MATERIAL - SPANS 32 THRU 34
ABRAHAM LINCOLN MEMORIAL BRIDGE OVER
THE ILLINOIS RIVER (PUBLIC WATERS)
F.A.I. ROUTE 39 SEC. (50-4B) BR
LASALLE COUNTY
STATION 863+16.00
STRUCTURE NO. 050-0191 (SB & NB)

benesch

alfred benesch & company
Engineers • Surveyors • Planners
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-665-0450
Job # 3856

DESIGNED -	HAA
CHECKED -	MRB
DRAWN -	VH
CHECKED -	KWS

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10/16/2006